

Massies Creek Studies: Locating a Rural Agricultural Model for Assessing Riparian and Stream Character Effects on Nutrient Levels



North Fork of Massies Creek flowing toward Cedarville, OH (toward bottom left); riparian zone widens along stream path



Benthic algal growth occurs, especially in stream segments exposed to direct sun in the absence of riparian trees



We are comparing phosphate and nitrate levels in stream water having passed through segments that are heavily impacted by agriculture and lack a forested riparian zone (above left) with segments shaded by riparian forest or wetland (above).

